

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION

APPLICANT(S): Richard E. Matick
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**ASSIGNEE
NAME:** International Business
Machines Corporation

**ASSIGNEE
RESIDENCE:** Armonk, New York

TITLE: **CACHE LINE REPLACEMENT TECHNIQUES ALLOWING
CHOICE OF LFU OR MFU CACHE LINE REPLACEMENT**

**MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450**

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Application - 19 pages of Specification, 6 pages of Claims and 1 page of Abstract
6 Sheets of informal drawing(s)
Declaration and Power of Attorney (unexecuted)

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	25 - 20 =	5	x \$18 =	\$ 90
Independent Claims	3 - 3 =	0	x \$86 =	\$ 0
Multiple Dependent Claim(s), if applicable			\$ 290 =	\$ 0
Basic Fee				\$770
TOTAL FEE:				\$860

Please file the application and charge **International Business Machines Corporation's Deposit Account No. 50-0510** the amount of \$860 to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation's Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

"Express Mail" Label No.: EV326909706US

I hereby certify that this paper is being deposited with the U. S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature

Lindam Shachet

Date: November 21, 2003

17548 U.S. PTO
10/719294



Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06430**. Telephone calls should be made to the under-signed attorney at (203) 255-6560.

Respectfully,

A handwritten signature in black ink, appearing to read 'R. Mauri', with a stylized flourish extending from the end.

Date: November 21, 2003

Robert J. Mauri
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